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INTELLECTUAL PROPERTY LAW

APR 13 2005

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<b>TO:</b> MAIL STOP AMENDMENT	<b>FROM:</b> Kenneth F. Smolik
<b>COMPANY:</b> USPTO	<b>DATE:</b> April 13, 2005
<b>FAX NO.:</b> (703) 872-9306	<b>TOTAL NO. OF PAGES:</b> (including cover sheet) 14
<b>YOUR REFERENCE NO.:</b> 10/808,117	<b>OUR REFERENCE (C/M) NO.:</b> 006301.00002

**RE:** In re: Appln. Of Donald Lee Gunter  
Appln. No. 10/808,117  
Filed: March 24, 2004  
For: Filtered Backprojection Algorithms for Compton Cameras in Nuclear Medicine

**OFFICIAL FAX**

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<b>NAME:</b> Jasmin Santoyo	<b>PHONE:</b> 312-463-5560
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**COMMENTS:**

AMENDMENT

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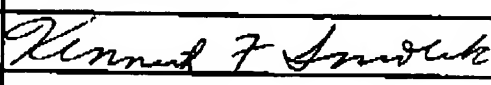
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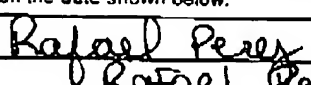
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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<b>TRANSMITTAL FORM</b> <small>(to be used for all correspondence after initial filing)</small>		Application Number	10/808,117
		Filing Date	03/24/04
		First Named Inventor	Donald Lee Gunter
		Art Unit	2878
		Examiner Name	Gagliardi, Albert J.
Total Number of Pages In This Submission	15	Attorney Docket Number	006301.00002

ENCLOSURES (check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment / Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/ Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Fax Cover Sheet
<b>Remarks</b> The Commissioner is authorized to debit or credit any overpayment or deficiency from our Deposit Account No. 19-0733.		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT			
Firm	Banner & Witcoff, LTD.		
Signature			
Printed Name	Kenneth F. Smolik		
Date	04/13/2005	Reg. No.	44,344

CERTIFICATE OF TRANSMISSION/MAILING			
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.			
Signature			
Typed or printed name	Rafael Perez	Date	4/13/05

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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APR 13 2005

PATENT

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**  
**Attorney Docket No. 006301.00002**

In the Application of Donald Lee Gunter	)	
	)	
Application No. 10/808,117	)	Examiner: Gagliardi, Albert J
	)	
Filed: March 24, 2004	)	Art Unit: 2878
	)	
For: FILTERED BACKPROJECTION	)	Confirmation No. 4509
ALGORITHMS FOR COMPTON CAMERAS IN	)	
NUCLEAR MEDICINE	)	

**AMENDMENT**

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

This Amendment is responsive to the non-final Office Action mailed February 3, 2005. The Examiner set a three-month period for response, thus making this response due on or before May 3, 2005. It is believed there is no fee due in connection with this filing. If a fee is due, the Office is authorized to charge any fees to Deposit Account No. 19-0733.

The Amendment section begins on page 2 and the Remarks section begins on page 9.

Please amend the application as follows.